

Title (en)

METHOD FOR COOLING A STEAM TURBINE

Title (de)

VERFAHREN ZUM ABKÜHLEN EINER DAMPFTURBINE

Title (fr)

PROCÉDÉ DE REFOIDISSEMENT D'UNE TURBINE À VAPEUR

Publication

**EP 3109418 A1 20161228 (DE)**

Application

**EP 15173619 A 20150624**

Priority

EP 15173619 A 20150624

Abstract (en)

[origin: WO2016206972A1] The invention relates to an automation system that determines the theoretical maximum rate of cooling of a steam turbine (2) and operates a steam generator (6) in such a way that the thermal energy of the steam does not exceed nor drop below the predefined rate of cooling.

Abstract (de)

Die Erfindung betrifft ein Automatisierungssystem, das die theoretisch maximale Abkühlrate einer Dampfturbine (2) bestimmt und einen Dampferzeuger (6) derart betreibt, dass die thermische Energie des Dampfes die vorgegebene Abkühlrate weder überschreitet noch unterschreitet.

IPC 8 full level

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CPC (source: CN EP KR US)

**F01D 21/00** (2013.01 - CN); **F01D 21/12** (2013.01 - KR); **F01D 25/12** (2013.01 - CN KR); **F01K 7/16** (2013.01 - US); **F01K 13/003** (2013.01 - US); **F01K 13/02** (2013.01 - CN EP KR US); **F05D 2220/31** (2013.01 - CN EP KR US)

Citation (search report)

- [XY] AU 2008202733 A1 20090122 - STANWELL CORPORATION LTD [AU]
- [YA] EP 2620604 A1 20130731 - SIEMENS AG [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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